



# ***Safety Brief for Enterprise Strike Group***

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Deputy Commander  
Naval Safety  
Center**

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# NSC Product

Saved Lives and Resources – Force Provider “Saver”

**Combat Readiness**

**Traffic Safety Toolbox**

**Web Site**

**SAFETY SURVEYS**

**Marine Corps**

**WESS Online Reporting**

**Mech**

**Sea&Shore**

**Magazines**

**Safety Campaigns**

**Navy Safety Campaign Plan 2005-2006**

**Marketing & Community Partnerships**

**Trends & Analysis**

**USN FY04 COSTS AND DEATHS**

Category	Cost	Deaths
AFLOAT	\$22M	22
TRAFFIC	\$2M	11
SHOREOPS	\$2M	5
RECREATION	\$10M	11
TOTAL COST	\$34M	50

**CLICK IT OR TICKET**

**NAVAL SAFETY COUNCIL**



# *Our Goal...*



**A MISHAP-FREE  
NAVY+MARINE CORPS**

*Team*

[www.safetycenter.navy.mil](http://www.safetycenter.navy.mil)





# Naval Safety Center

## Our Mission

- We provide safety assistance and advice to the CNO, CMC, and the Deputy Assistant SECNAV for Safety in order to enhance the warfighting capability of the Navy and Marine Corps, preserve resources and improve combat readiness by preventing mishaps and saving lives.

## Our Vision

- A Mishap-Free Navy and Marine Corps Team

## Functions

- The Naval Safety Center supports the Naval Safety Program through:
  - Guidance and direction
  - Safety data services
  - Safety program services
  - Marketing of safety



## Our Guiding Principles

- To accomplish our mission, we will rely on naval leadership, teamwork, continuous improvement, customer focus, and personal integrity. Our initiatives will be shaped by:
  - Feedback from the Fleet and our Naval Safety Center team
  - Mishap trends, safety surveys, unit assessments, and hazard reports
  - Evaluation of emerging safety technology and processes in government and private industry.

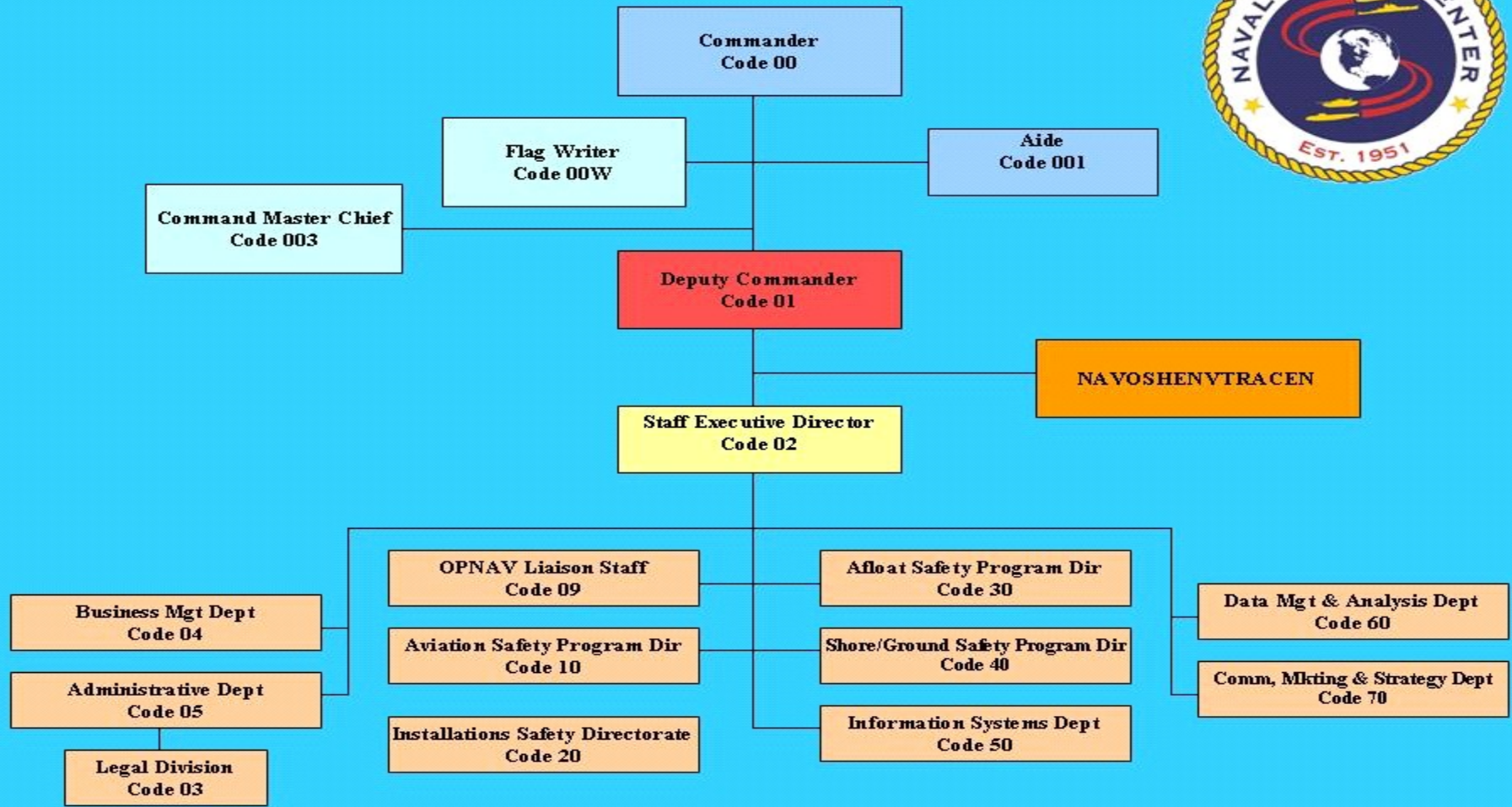




# Naval Safety Center Organization



## Commander Naval Safety Center



# *Naval Safety Center*

**provides safety assistance  
and advice to the CNO,  
CMC, and the Deputy  
Assistant SECNAV for Safety  
in order to enhance the  
warfighting capability of the  
Navy and Marine Corps,  
preserve resources and  
improve combat readiness**



# SECRET memo of 22 Jun 06: Reducing Preventable Accidents

I have set some very specific mishap reduction goals for the Department to achieve. My congratulations to those who are progressing toward their respective goals, but others are not. We must reeducate ourselves to those goals - and achieve them.

Too often we excuse mishaps by citing the difficult circumstances in which we operate. We have trained our men and women to operate safely in very trying conditions. There is no excuse for losing lives given proper planning, attention to detail, and the active involvement of the chain of command.

Accountability is essential to effective leadership. I expect all the Department's leaders, from the Commander to the first line supervisors, to be accountable for mishaps under their watch. We simply will not accept status quo.

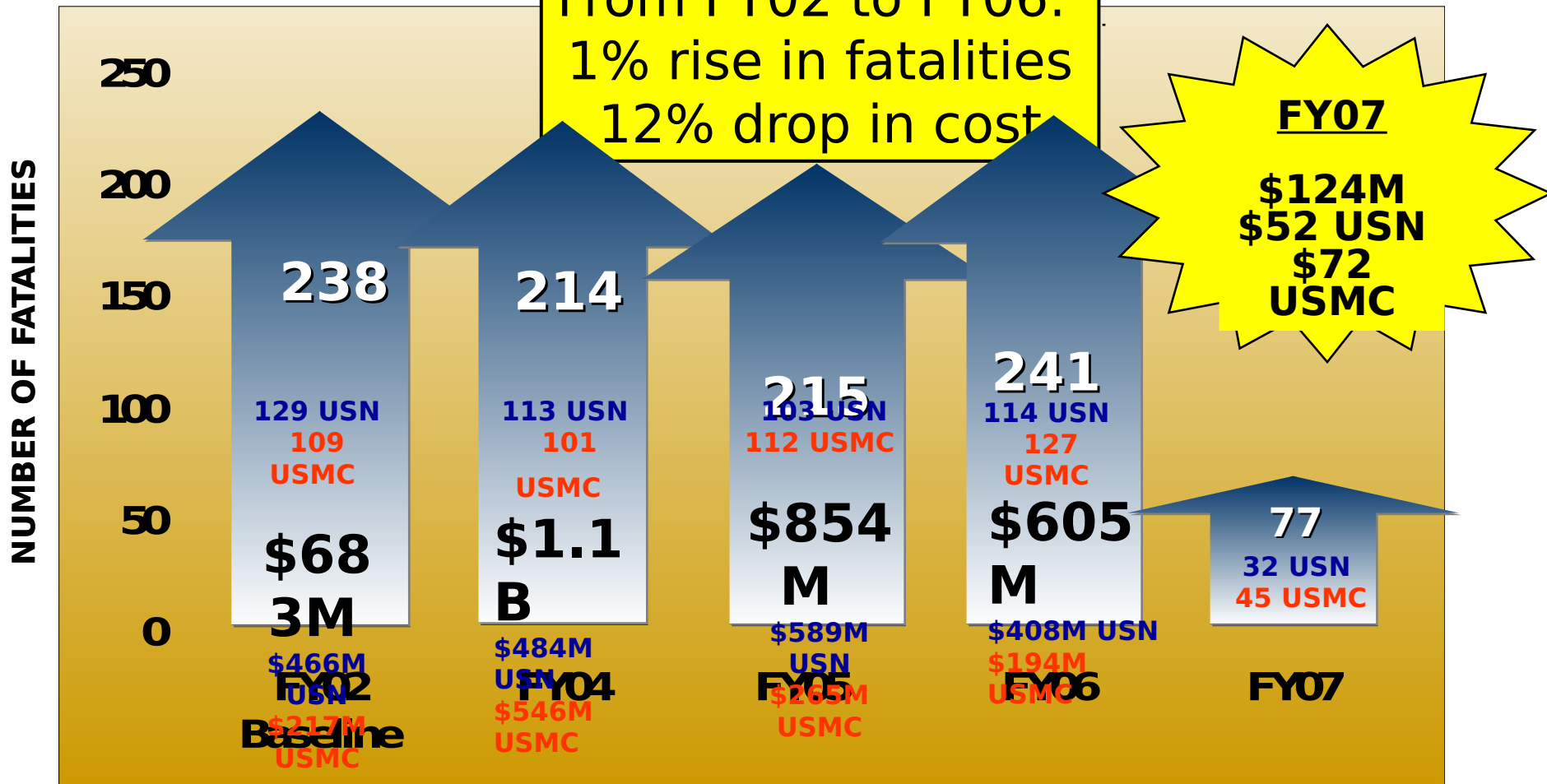
If we need to change our training, improve our material acquisition, or alter our business practices to save the precious lives of our men and women, we will do it. We will fund as a first priority those technologies and devices that will save lives and equipment. We will retrofit existing systems, and consider these devices as a "must fund" priority for all new systems. We can no longer consider safety as "nice-to-have."

I want to hear what you are doing to improve your safety performance and I want to see the results of your actions.



# USN/USMC Fatalities & Resources Lost

During Active Period



ENDSTATE GOAL IS ZERO! USC Data: 06 Mar 07





# ***ENTERPRISE CSG Commands***

## **SHIPS**

- Enterprise
- Arleigh burke
- Stout
- Forrest Sherman
- James E Williams
- Gettysburg
- San Jacinto
- Vicksburg
- Philadelphia

## **SQUADRONS**

- HS-11
- VS-32
- VAW-123
- VFA-86
- VFA-211
- VAQ-137
- VFA-136
- VFMA-251



# USS ENTERPRISE CVN 65

## ON DUTY - OPERATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	1	0	0	0	1	1
B	0	0	0	0	0	0	1
C	0	0	1	1	1	3	18
D*	0	0	0	0	0	0	42

## OFF DUTY - PMV

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	2	0	2	3
B	1	0	1	0	1	3	<1
C	3	2	5	4	0	14	6

## OFF DUTY - RECREATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	1	0	0	<1
B	0	0	0	0	0	0	<1
C	0	0	0	0	3	3	6

## CAUSAL FACTORS

### OPERATIONAL

- Improper lifting/carrying techniques (back injuries)
- Lack of proper PPE
- Fire
- Not following Electrical Tag-out / Safety Precautions
- Improper stowage for sea

### OFF-DUTY/REC

- Fire
- Sports related
- Improper / Lack of PPE

### PMV

- Lack of situational awareness
- Speeding
- Alcohol
- Not using PPE
- Pedestrian

\*Note: Class D represents Afloat Special Case mishaps.



# USS ARLEIGH BURKE

ON DUTY - OPERATIONAL							
FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	0	0	0	0	0	4
D*	0	0	0	0	0	0	5

OFF DUTY - RECREATIONAL							
FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	1	0	3	0	4	2

OFF DUTY - PMV							
FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	0	0	1	0	1	1

CAUSAL FACTORS	
<b>OPERATIONAL</b> -Not folling electrical tag-out/safety precautions -MOB -PPE -Other vessels	<b>Off-Duty Rec</b> -Sports related -Fall from stool  <b>PMV</b> -Forced off road -Pedestrian
<div>*Note: Class D represents Afloat Special Case mishaps such as fire, flooding, grounding, collision, electric shock, back injury and chemical/toxic mishaps.</div>	



# USS VICKSBURG

## ON DUTY - OPERATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	1	0	1	<1
B	0	0	0	1	0	1	<1
C	1	0	0	0	0	0	4
D*	0	0	0	0	0	0	3

## OFF DUTY - RECREATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	2	0	1	0	0	3	3

## OFF DUTY - PMV

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	0	0	1	0	1	1

## CAUSAL FACTORS

### OPERATIONAL

- Fires
- Tag-Out/Safety precautions
- Improper stowage for sea

### Off-Duty / Rec

- Sports Related

\*Note: Class D represents Afloat Special Case mishaps such as fire, flooding, grounding, collision, electric shock, back injury and chemical/toxic mishaps.



# USS STOUT

## ON DUTY - OPERATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	1	0	0	0	0	0	<1
C	1	2	0	0	0	3	4
D*	0	0	0	0	0	0	3

## OFF DUTY - PMV

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	0	0	0	1	1	1

## OFF DUTY - RECREATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	0	0	0	1	1	3

## CAUSAL FACTORS

### Operational

-Electrical Tag-  
Out/Safety  
Precautions

### Off-Duty/Rec

-Ice

\*Note: Class D represents Afloat Special Case mishaps such as fire, flooding, grounding, collision, electric shock, back injury and chemical/toxic mishaps.





# USS FORREST SHERMAN

## ON DUTY - OPERATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	1	0	1	<1
C	0	0	0	0	0	0	4
D*	0	0	0	0	0	0	3

## OFF DUTY - RECREATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	0	0	0	0	0	3

## OFF DUTY - PMV

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	0	0	0	1	1	1

## CAUSAL FACTORS

### Operational

-Hitting object

### PMV

-Not wearing  
seatbelt

### Off-Duty / Rec

-Surfing

-Driver following  
too closely.

\*Note: Class D represents Afloat Special Case mishaps such as fire, flooding, grounding, collision, electric shock, back injury and chemical/toxic mishaps.



# USS GETTYSBURG

## ON DUTY - OPERATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	0	0	1	0	1	4
D*	0	0	0	0	0	0	3

## OFF DUTY - RECREATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	0	0	0	0	0	3

## OFF DUTY - PMV

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	1	0	0	1	<1
B	0	0	0	0	0	0	<1
C	0	0	0	0	0	0	1

## CAUSAL FACTORS

### Operational

- VBSS
- PPE
- Electrical Tag-Out/Safety Precautions

### Off-Duty/Rec

- Improper use of saw
- Sports Related
- Pushing out window

### PMV

\*Note: Class D represents Afloat Special Case mishaps such as fire, flooding, grounding, collision, electric shock, back injury and chemical/toxic mishaps.



# USS SAN JACINTO

## ON DUTY - OPERATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	1	0	0	0	0	<1
C	0	3	2	3	0	8	4
D*	0	0	0	0	0	0	3

## OFF DUTY - RECREATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	3	2	0	0	5	3

## OFF DUTY - PMV

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	1	1	0	0	2	1

## CAUSAL FACTORS

### Operational

- Electrical Tag-Out/Safety Precautions
- Improper Lifting Techniques
- PPE
- Flooding

### Off-Duty/Rec

- Fire
- Sports Related

### PMV

- Cut-off by other driver

\*Note: Class D represents Afloat Special Case mishaps such as fire, flooding, grounding, collision, electric shock, back injury and chemical/toxic mishaps.



# USS JAMES E WILLIAMS

## ON DUTY - OPERATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	0	0	0	0	0	4
D*	0	0	0	0	0	0	3

## OFF DUTY - RECREATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	1	0	0	1	<1
B	0	0	0	0	0	0	<1
C	0	0	0	1	0	1	3

## OFF DUTY - PMV

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	0	0	0	0	0	1

## CAUSAL FACTORS

### Operational

-Electrical Tag-Out/Safety Precautions  
-Improper gate closing  
-Weapons handling

### PMV

-Lost control

\*Note: Class D represents Afloat Special Case mishaps such as fire, flooding, grounding, collision, electric shock, back injury and chemical/toxic mishaps.



# USS PHILADELPHIA

## ON DUTY - OPERATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	1	0	0	1	<1
B	0	0	0	0	0	0	<1
C	0	0	0	0	0	0	1.4
D*	0	0	0	0	0	0	2.3

## OFF DUTY - RECREATIONAL

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	0	0	0	0	0	<1

## OFF DUTY - PMV

FY	03	04	05	06	07	TOT	Class AVG
A	0	0	0	0	0	0	<1
B	0	0	0	0	0	0	<1
C	0	1	0	0	0	1	<1

## CAUSAL FACTORS

### Operational

-Electrical Tag-Out/Safety Precautions  
-PPE  
-Improper lifting techniques

### Off-Duty/Rec

-Lack of foot protection in open water.

### PMV

-Lack of situational awareness

### Speeding

\*Note: Class D represents Aloft Special Case mishaps such as fire, flooding, grounding, collision, electric shock, back injury and chemical/toxic mishaps.





# ***Aviation Operational Mishaps***

<b>SQDN</b>	<b>A/B/C</b>	<b>A/B/C</b>	<b>A/B/C</b>	<b>A/B/C</b>	<b>A/B/C</b>	
	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	
<b>HS-11</b>	<b>0/0/0</b>	<b>0/0/0</b>	<b>0/0/0</b>	<b>0/0/1</b>	<b>0/0/0</b>	
<b>VS-32</b>	<b>0/0/2</b>	<b>0/0/0</b>	<b>1/0/0</b>	<b>1/0/0</b>	<b>0/0/1</b>	
<b>VAW-123</b>	<b>0/0/0</b>	<b>0/0/0</b>	<b>0/0/1</b>	<b>0/0/0</b>	<b>0/0/0</b>	
<b>VFA-86</b>		<b>0/0/1</b>	<b>0/0/1</b>	<b>0/0/2</b>	<b>0/0/2</b>	<b>0/0/0</b>
<b>VFA-211</b>	<b>0/0/2</b>	<b>0/1/3</b>	<b>0/0/1</b>	<b>0/0/0</b>	<b>0/0/0</b>	
<b>VAQ-137</b>	<b>1/0/1</b>	<b>0/1/0</b>	<b>0/0/0</b>	<b>0/0/1</b>	<b>0/0/0</b>	
<b>VFA-136</b>	<b>0/0/1</b>	<b>0/0/1</b>	<b>0/0/0</b>	<b>0/0/1</b>	<b>0/0/0</b>	
<b>VFMA-251</b>	<b>0/0/0</b>	<b>0/0/0</b>	<b>0/0/0</b>	<b>0/0/1</b>	<b>0/1/0</b>	

# THE COMMANDING OFFICER






# Recommendations to Improve Safety in Your Command

- 1 Naval Safety Center Website - The Tools Are There!**
  - Traffic Safety Toolbox
  - Army Safety Management Information System (ASMIS) - Online risk analysis mishap reporting / database
  - Web-Enabled Safety System (WESS) - Online Leave and Liberty Risk Assessments
- 2 Ensure a SOLID Welcome Aboard, Sponsorship/ Mentorship Program.**
  - First impressions are lasting ones
  - On and off duty activities must be addressed
- 3 Identify “high-risk” personnel within command.**
  - Ensure leadership is engaged with subordinate personnel
  - Establish awareness training of high risk activities and mentoring for high risk personnel
  - Identify motorcycle operators and confirm required training is complete
  - Conduct Human Factors Councils to identify potential problems
- 4 Do the inexpensive things at a minimum.**
  - Schedule a Culture Workshop / Safety Survey
  - Distribute “Safe Ride” taxi cards
  - Conduct pre-holiday safety standdowns
  - Require leave chit
- 5 Maintain high-visibility within command.**
  - Establish and enforce standards - defined command safety policy
  - Treat every mishap the same (PMV/Off-Duty Fatality hurts command as much as material mishap)
  - Correct safety deficiencies immediately
  - Hold personnel ACCOUNTABLE for failure
- 6 INSPECT for compliance.**
  - Verify command policies are being followed
  - Demonstrate daily commitment to safety
  - Ensure experience level matches assigned duties



# ***As a CO, 8 things to improve Safety in your Command...***

- VISIT THE NAVAL SAFETY CENTER WEBSITE - **THE TOOLS ARE THERE!**
- SCHEDULE A BASELINE SAFETY SURVEY, CULTURE WORKSHOP, AND/OR AN ONLINE ASCAS/SCAS/CSA/MCAS SURVEY AS APPROPRIATE FOR COMMAND.
- ENSURE YOU HAVE A SOLID WELCOME ABOARD / SPONSORSHIP PROGRAM / MENTORSHIP PROGRAM. (ON- AND OFF-DUTY)
- IDENTIFY KNOWN HIGH RISK PERSONNEL WITHIN COMMAND.
  - ONE ON ONE AWARENESS TRAINING AND MENTORING (WHO RIDES A MOTORCYCLE?)
  - STATE SIDE LIBERTY RISK PROGRAM - AS NECESSARY.
  - SHOW PERSONNEL THE COLD HARD OUTCOME OF FAILING TO FOLLOW THE RULES AND EXERCISE SAFETY.
- HIGH VISIBILITY WITHIN COMMAND. TREAT ANY MISHAP THE SAME.
- HOLD PERSONNEL ACCOUNTABLE FOR FAILURE TO FOLLOW REGULATIONS.
- MAKE ORM  RM - ON- & OFF-DUTY
- INSPECT FOR COMPLIANCE



# ***ORM: A Tool For Leaders***



- ***Easy, common-sense process***
- ***Mind-set***
- ***Way of life - On- and Off-Duty***
- ***Operating discipline***
- ***Process must be taught***
- ***Must institutionalize ORM - it's not today***

## ***Five Steps***

1. Identify Hazards

2. Assess Hazards

3. Make Risk Decisions

4. Implement Controls

5. Supervise



***YOU CAN'T "ORM" SOMETHING THAT'S STUPID, TO SOMETHING THAT'S SMART!!!***





# Where We're Going...



**RISK  
MANAGEMENT**

- 1. Inspections - Inspect what you expect!**
- 2. NSC Off-Duty Screen and Mentor Tool**
  - Developed...Under review - TYCOMS, others (Officers & CMCs) - Pushback
- 3. Accountability - OJAG and CFFC Legal - Re-emphasize the rules/regulations and potential impact**
  - DUI, LOD Investigations, Benefits, etc.
  - State the standard - Accountable to the standard
- 4. Mentoring - Longer term - Skills for both On- and Off-Duty must be taught**
- 5. Revolution in Training/Human Capital Strategy**
  - **Part of "Sea Warrior"**
    - Alignment and Total Force
    - Competency Focused
    - Professional/Personal Growth
    - Performance Culture
    - Agile Organization
- 6. ORM - Recommended fixes to "Institutionalize"**

**Risk Management**



**SEA WARRIOR**

*"A Risk Management Training Continuum"*



# ***Best Fleet Practices - Afloat***

- 1. Integration of ORM into all shipboard training and Off-Duty activity.**
- 2. Visible senior leadership support for/and verification of ORM by work center personnel during daily activities.**
- 3. Departmental/divisional quarters - Led by Officers and CPO's. (Don't be an E-mail Leader!)**
- 4. Daily senior leadership - Involved with work center personnel.**
- 5. Consistent use and application of RM throughout chain-of-command - On- and Off-Duty!**



# ***Best Fleet Practices - Aviation***

- 1. ORM - Integrated into the command - On- and Off-Duty.**
- 2. Daily OPS brief - Prior to flight operations.**
- 3. Safety Petty Officer of the Day program (SPOD).**
- 4. Human Factors Council (HFC), to include the squadron's enlisted personnel.**
- 5. Culture Workshops (FY02-04, 5% of squadrons that completed a CW had mishaps the following year --  
38% of squadrons that did not have a CW had a mishap the following year.**



# ***Best Fleet Practices - PMV***

- 1. Risk Management - Find out who is at risk - Help them understand / manage that risk.**
- 2. Letter home - Solicit family's help to keep loved ones safe.**
- 3. Traffic Safety Toolbox - The tools to reduce mishaps.**
- 4. Partnerships with local community. (Click It or Ticket, You Drink, You Drive, You Lose, MADD)**
- 5. Traffic Safety Across America. (Trained supervisory personnel on drinking and driving, seat belt use, DPE, speed, fatigue)**

***USS Ronald Reagan DTG R211808Z APR 05 - "Finally the command is initiating a command program to identify at risk Sailors to provide the risk control tools to prevent future motor vehicle mishaps."***



# ***Best Fleet Practices - Off-Duty Rec***

- 1. Commanders/Commands and supervisors engaged in Risk Management and RODS program.**
- 2. Individuals use risk management process before participating in their leisure-time activities.**
- 3. RODS Program Managers - Ensure command personnel have seasonal hazard awareness training.**
- 4. Individual Off-Duty Risk Assessment Form - Assess behavior factors and indicators related to off-duty recreation mishaps.**
- 5. MWR Automotive/Woodworking and Small Boat Rental - Provide qualification training and skills test prior to patrons using their**





# What We Can Do for You

## Naval Safety Center



Providing aviation, afloat, and shore support  
to Navy and Marine Corps commands



**NSC at your service... for free!**

Let our experience, expertise and unrivaled  
commitment to safety work for you.

**Mishap Investigations**

**Surveys**

**Assist Visits**

**Data Analysis**

**Workshops**

**Publications**

**Website**

**Presentations**

**Exhibits**

Call 757-444-3520 (DSN 564) or visit our website: [www.safetycenter.navy.mil](http://www.safetycenter.navy.mil)

## ON THE ROAD

- Culture workshops
- Unit surveys
- ORM unit training
- Mishap investigations
- USMC MTT seminars
- PCO briefings
- NAVOSHENVTRACEN Safety & Occupational Health Training

## AWARENESS

- Fleet Analysis
- Magazines printed/distributed (473,000 copies)
- Interactive CD's
- Acquisition process in-roads
- Safety advisories
- Customer information requests (3,600+ database queries per month)
- Safety Center web page



***Questions?***

